

bsm-61559R**[Primary Antibody]****BioSS**
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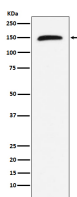
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RAD50 Recombinant Rabbit mAb**— DATASHEET —**

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000) ICC/IF (1:50-200)
Clonality: Recombinant		Reactivity: Human, Mouse, Rat
GeneID: 10111	SWISS: Q92878	
Target: Rad50		
Immunogen: A synthesized peptide derived from human RAD50: 1200-1312.		
Purification: affinity purified by Protein A		
Storage: 10mM phosphate buffered saline(pH 7.4) with 150mM sodium chloride, 0.05% BSA, 0.02% Proclin300 and 50% glycerol. Store at 4°C for short term. Store at -20°C for long term. Avoid repeated freeze/thaw cycles.		
Background: Component of the MRN complex, which plays a central role in double-strand break (DSB) repair, DNA recombination, maintenance of telomere integrity and meiosis. The MRN complex is involved in the repair of DNA double-strand breaks (DSBs) via homologous recombination (HR), an error-free mechanism which primarily occurs during S and G2 phases.		
		Predicted MW.: 154
		Subcellular Location: Nucleus

— VALIDATION IMAGES —

Western blot analysis of Jurkat cell lysate; Using Rad50 (bsm-61559R) monoclonal antibody at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.